

USEPA Region 4 Nutrient RTAG Meeting

March 26-28, 2013

61 Forsyth Street SW, Atlanta, Georgia 30303
9th Floor, Rooms 9D/9E

TUESDAY, MARCH 26, 2013

1:00 Welcome and Introductions

Joanne Benante, USEPA/R4/WQPB

Opening remarks from Joanne Benante, USEPA Region 4, Water Quality Planning Branch Chief

Introductions facilitated by Annie Godfrey, USEPA Region 4, WQS Section Chief

1:15 National Nutrient Criteria Update

Tiffany Crawford, USEPA/OW/HECD

Discussion of nutrient criteria from USEPA Office of Water, Health and Ecological Criteria Division

Regional Nutrient Criteria Update

Ed Decker & Lauren Petter, USEPA/R4/WQSS

Updates regarding nutrient criteria development from USEPA Region 4, Water Quality Standards Section

2:00 Tennessee Nutrient Criteria Update

Debbie Arnwine, Tennessee Department of Environment and Conservation

2:45 BREAK

3:00 South Carolina Nutrient Criteria Update

Jason Gillespie, South Carolina Department of Health and Environmental Control

3:45 North Carolina Nutrient Criteria Update

Connie Brower & Dianne Reid, North Carolina Department of Environment and Natural Resources

4:30 Adjourn

5:15 Social Event Begins

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WEDNESDAY, MARCH 27, 2013

8:15 Mississippi Nutrient Criteria Update

Kim Caviness & Alina Young, Mississippi Department of Environmental Quality

9:00 Kentucky Nutrient Criteria Update

Randy Payne, Kentucky Energy and Environment Cabinet

9:45 Florida Nutrient Presentation

Ken Weaver & Russ Frydenborg, Florida Department of Environmental Protection

10:30 BREAK

10:45 Seminole Nutrient Presentation

Craig Tepper & Cherise Maples, Seminole Tribe of Florida Environmental Resource Management Dept.

11:30 LUNCH (on your own – cafeteria available on first floor)

12:30 Alabama Nutrient Presentation

Lynn Sisk, Lisa Huff & Daniel Saliba, Alabama Department of Environmental Management

1:15 Georgia Nutrient Presentation

Liz Booth & Brad Konwick, Georgia Environmental Protection Division

2:00 Technical Presentations - Developing Nutrient Criteria Endpoints for Estuarine and Flowing Waters

Presenters will share experiences developing nutrient criteria endpoints. The session will include experiences from EPA, researchers and states in other regions for both estuarine and fresh waters. The examples will be used to initiate conversation for endpoint development for Region 4 states and tribes.

General Overview

Tiffany Crawford, USEPA/OW/HECD (5 talk)

The estuarine portion of this session will focus on the technical aspects of endpoint selection and analysis. Topics for discussion will include, among other things, endpoints for estuarine waters (particularly when seagrass is not an option), DO dynamics, and recommendations for best addressing the transition zones between fresh and marine waters.

Estuarine Nutrient Ecology

Merryl Alber, UGA Dept. Marine Sciences (25 talk / 15 Q&A)

Florida Estuarine Nutrient Criteria

Rick Greene, USEPA/ORD/GBR (20 talk / 10 Q&A)

3:15 BREAK

3:30 Technical Presentation ColUSEPA Region 4 Nutrient RTAG Meeting
March 26-28, 2013

Chesapeake Bay Nutrient Criteria
syth StreRich Batiuk, USEPA/R3/CBP (20 talk / 10 Q&A)
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The flowing waters portion of this session will focus on the technical aspects of endpoint selection and analysis, using two examples from MT, UT and VA. Topics for discussion will include, among other things, endpoints for flowing waters and considerations of downstream protection.

Nutrient Criteria in Virginia’s Lotic Waters Whitehurst, David, VA DEQ (10 talk / 10 Q&A)

Nutrient Criteria in Utah’s Lotic Waters Jeff Ostermiller, UT DEQ (10 talk / 10 Q&A)

Nutrient Criteria in Montana’s Lotic Waters Tina Laidlaw, USEPA/R8/WQSS (10 talk / 10 Q&A)

5:00 Adjourn

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THURSDAY, MARCH 28, 2013

8:00 States and Tribes Caucus

Time for State-Tribe only discussions.

9:00 State Report Out

9:15 Small Group Discussion on Three Criteria Development Topics

Discussions will focus on data robustness, downstream protection, and criteria expression.

10:15 BREAK

10:30 Implementation Discussion: NPDES, TMDL, and WQS

HQ/R4 NPDES, TMDL, and WQS representatives

National Implementation Updates

Mario Sengco, USEPA/OW/SHPD (10 talk / 10 Q&A)

NPDES Implementation

Mark Nuhfer, USEPA/R4/WRD (10 talk / 10 Q&A)

Permitting regulations and policies for nutrients. Nutrient criteria magnitude duration and frequency in permitting. Treatment achievability.

TMDL Implementation

Tim Wool, USEPA/R4/WRD (10 talk / 10 Q&A)

TMDL target development and translation of narrative nutrient criteria.

Standards Regulatory Relief

Lauren Petter & Lisa Perras Gordon, USEPA/R4/WRD

(10 talk / 10 Q&A)

Variances, UAA's and compliance schedules for nutrient criteria.

11:50 Wrap Up

12:00 Adjourn